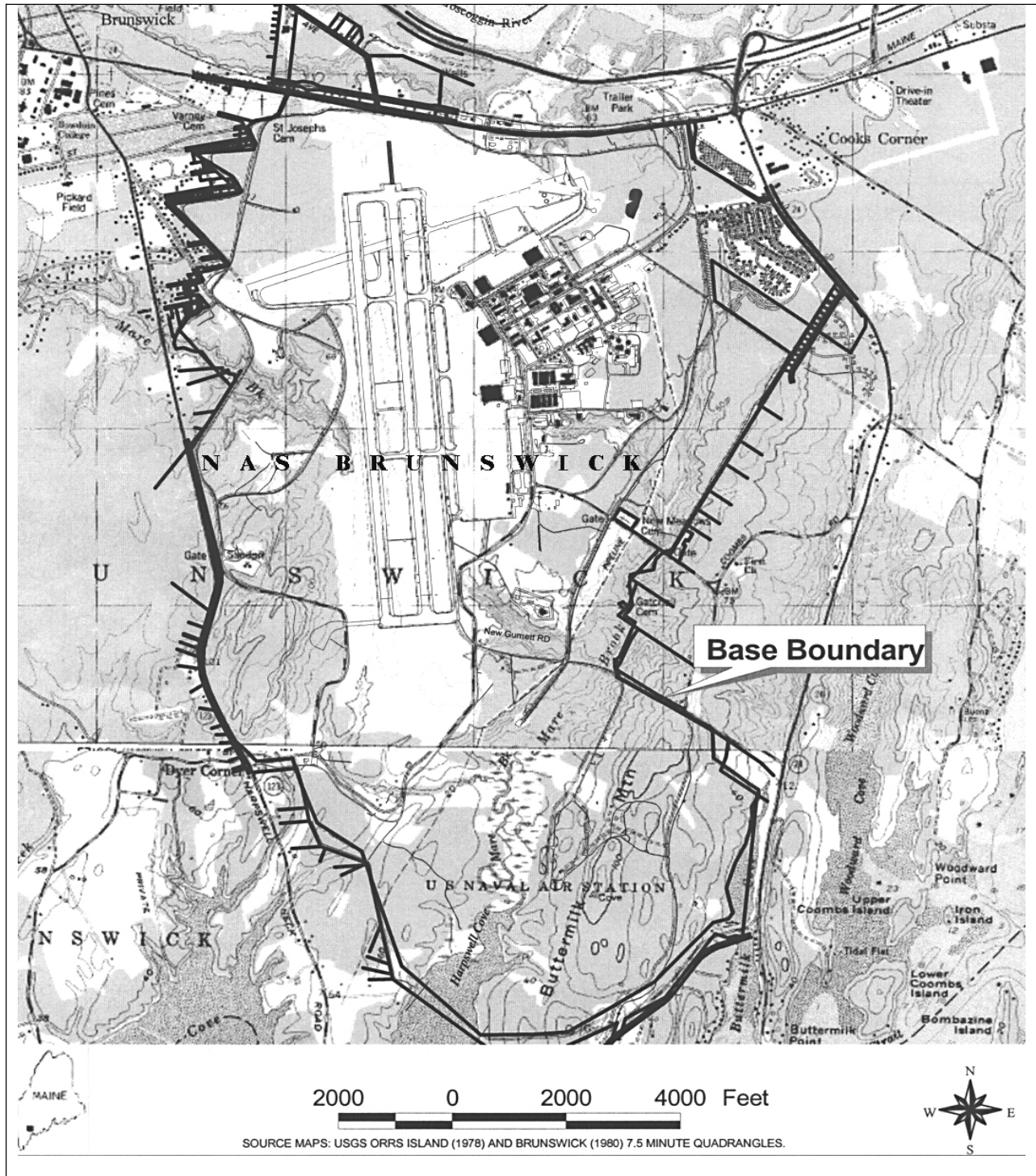


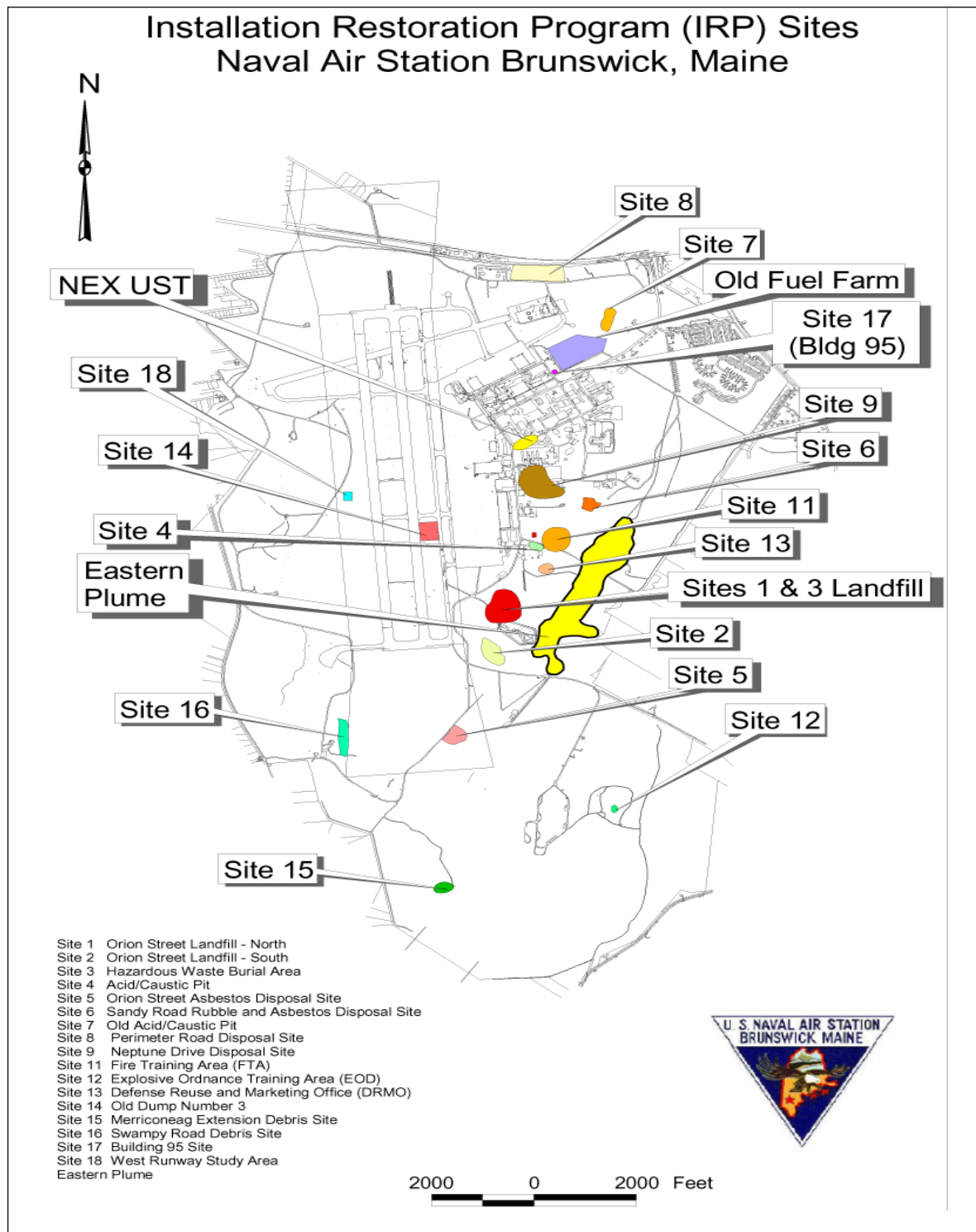
## Figures

Figure 1. Area Map



Source: Modified from EA 2002b

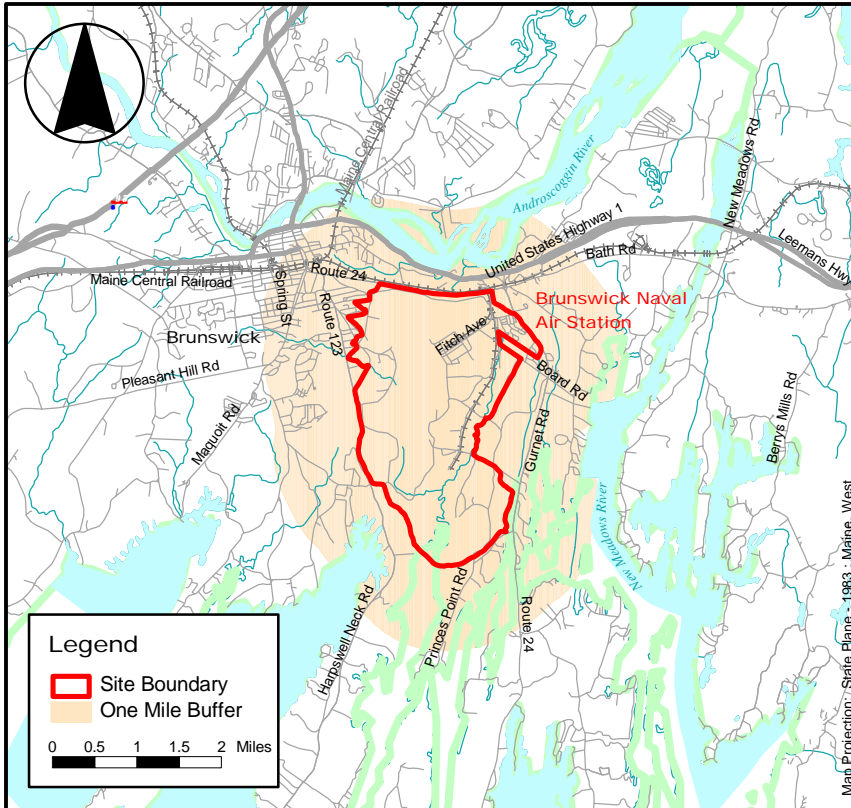
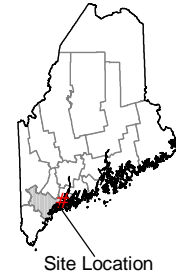
Figure 2. Site Map



Source: NAS Brunswick 2004c

**Figure 3. Demographics Statistics within a 1-Mile Buffer of NAS Brunswick.**

**Brunswick, Maine**  
**EPA Facility ID ME8170022018**



**Cumberland County, Maine**

Demographic Statistics Within One Mile of Site*	
Total Population	10322
White alone	9554
Black alone	258
Am. Indian and Alaska Native alone	29
Asian alone	222
Native Hawaiian and Other Pacific Islander alone	5
Some other race alone	95
Two or More races	162
Hispanic or Latino	218
Children Aged 6 and Younger	909
Adults Aged 65 and Older	1317
Females Aged 15 - 44	2552
Total Housing Units	3757

Base Map Source: 1995 TIGER/Line Files

Demographic Statistics Source: 2000 US Census

\*Calculated using an area-proportion spatial analysis technique

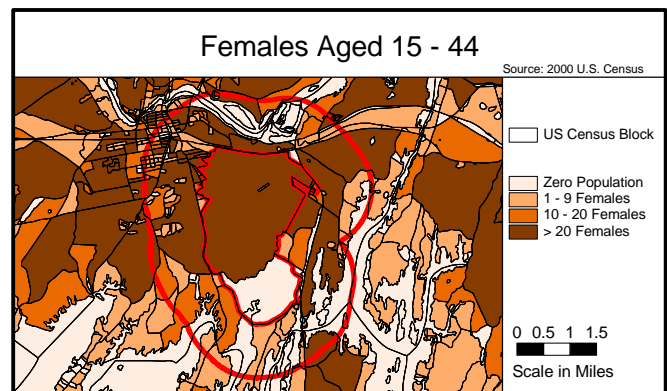
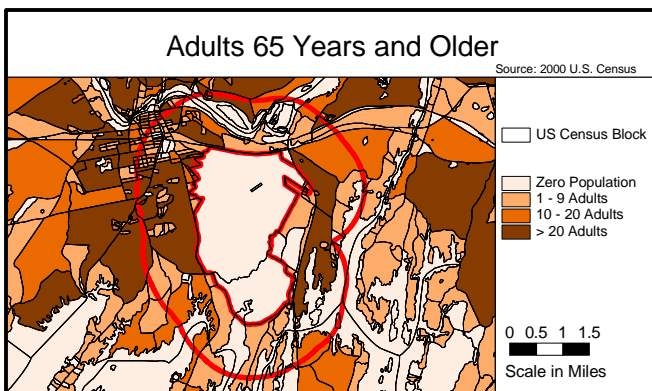
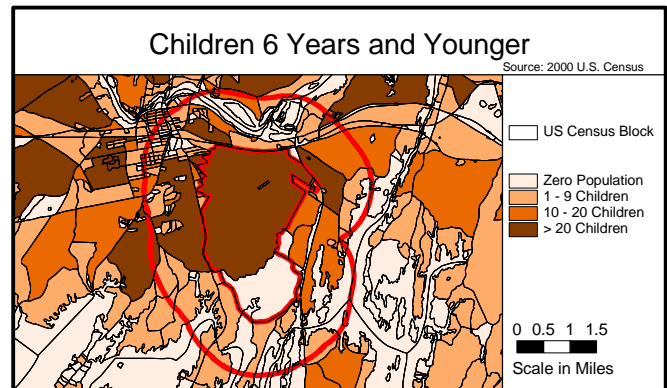
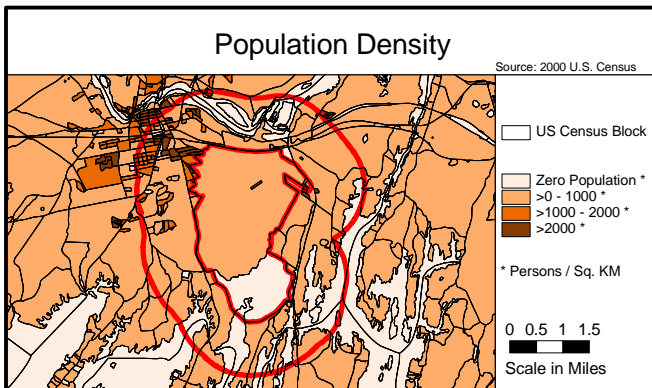


Figure 4. Exposure Pathway Figure

**REMEMBER:** For a public health threat to exist, the following three conditions must all be met:

- Contaminants must exist in the environment
- People must come into contact with areas that have potential contamination
- The amount of contamination must be sufficient to affect people’s health

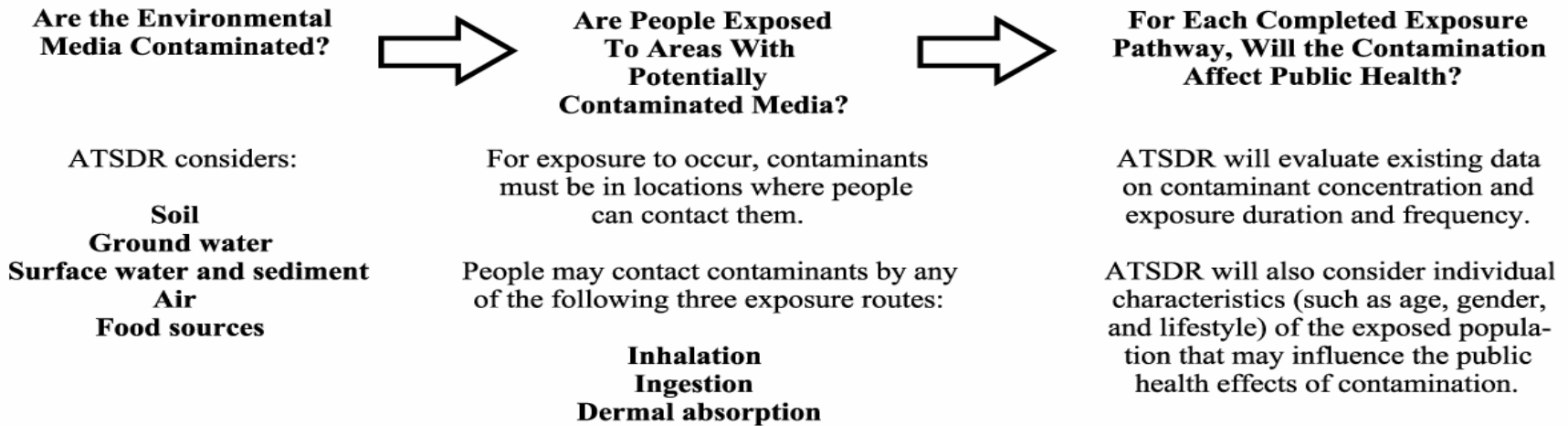
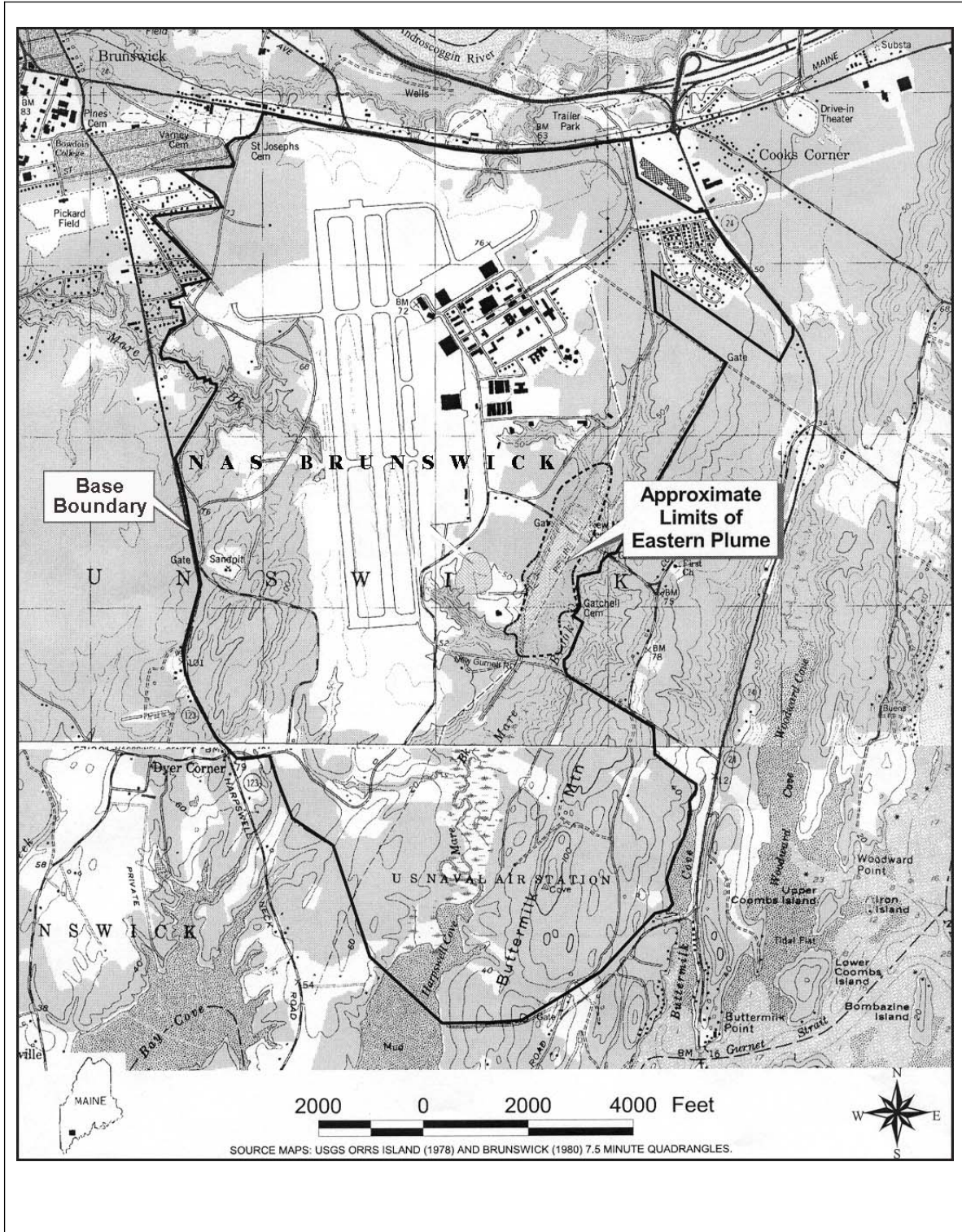
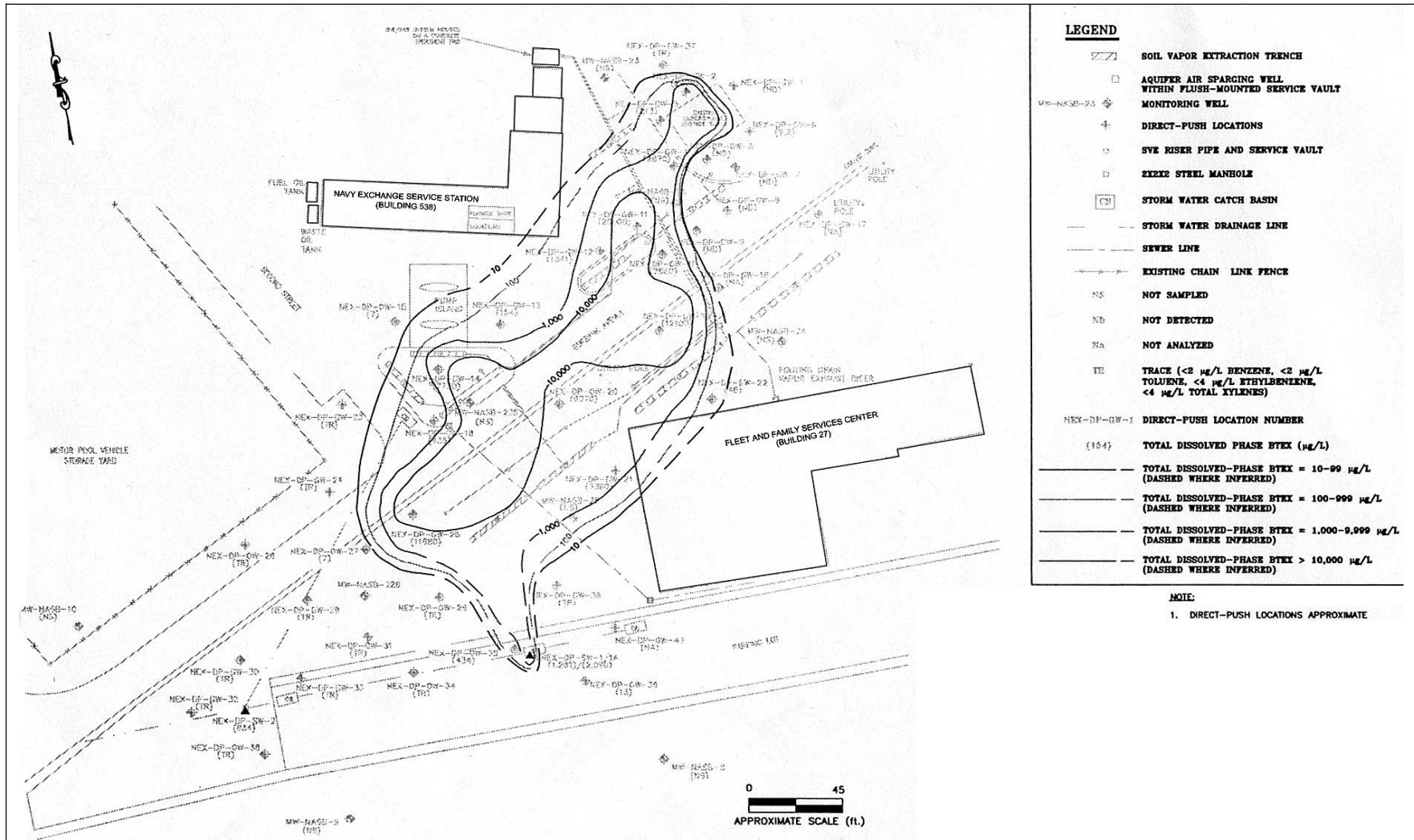


Figure 5. Extent of the Eastern Plume



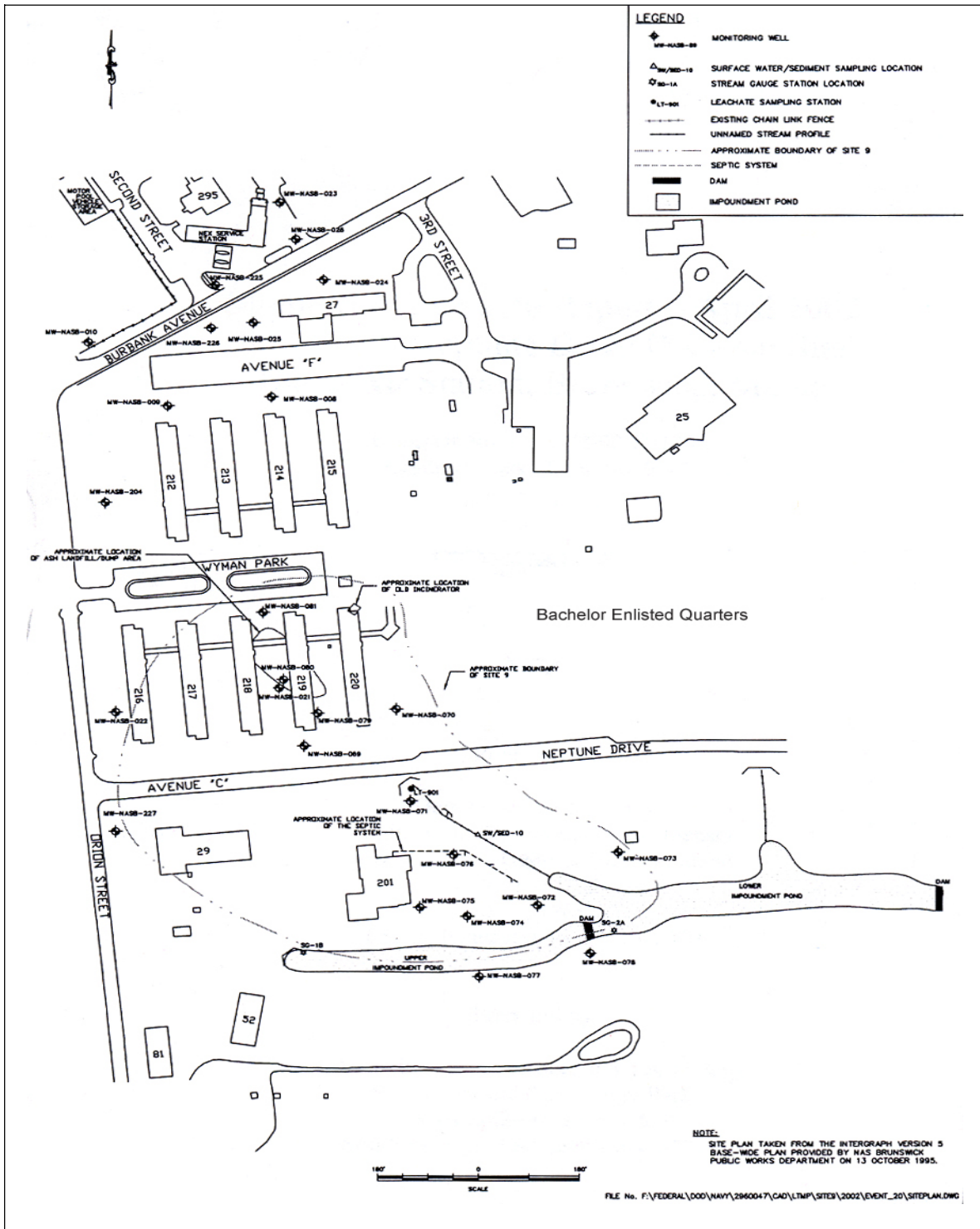
Source: EA 2002a

Figure 6. Area of Groundwater Contamination from the NEX Gas Station



Source: EA 2004a

Figure 7. Area of Groundwater Contamination Near the Bachelor Enlisted Quarters



Source: EA 2003b



## Appendix A. Glossary

The Agency for Toxic Substances and Disease Registry (ATSDR) is a federal public health agency with headquarters in Atlanta, Georgia, and 10 regional offices in the United States. ATSDR's mission is to serve the public by using the best science, taking responsive public health actions, and providing trusted health information to prevent harmful exposures and diseases related to toxic substances. ATSDR is not a regulatory agency, unlike the U.S. Environmental Protection Agency (EPA), which is the federal agency that develops and enforces environmental laws to protect the environment and human health. This glossary defines words used by ATSDR in communications with the public. It is not a complete dictionary of environmental health terms. If you have questions or comments, call ATSDR's toll-free telephone number, 1-888-42-ATSDR (1-888-422-8737).

### General Terms

#### **Absorption**

The process of taking in. For a person or an animal, absorption is the process of a substance getting into the body through the eyes, skin, stomach, intestines, or lungs.

#### **Acute**

Occurring over a short time [compare with *chronic*].

#### **Acute exposure**

Contact with a substance that occurs once or for only a short time (up to 14 days) [compare with *intermediate duration exposure* and *chronic exposure*].

#### **Additive effect**

A biologic response to exposure to multiple substances that equals the sum of responses of all the individual substances added together [compare with *antagonistic effect* and *synergistic effect*].

#### **Adverse health effect**

A change in body function or cell structure that might lead to disease or health problems

#### **Aerobic**

Requiring oxygen [compare with *anaerobic*].

#### **Ambient**

Surrounding (for example, ambient air).

#### **Anaerobic**

Requiring the absence of oxygen [compare with *aerobic*].